

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-21 14:50:42
Date of Next Testing: 2028-10-20 14:50:42
Product Name: **Dopamine hydrochloride**
CAS Number: 62-31-7
Specifications & Purity: $\geq 98\%$
Lot #: J2410414
SKU #: **D103111**
Version: **1**
Analysis #: **345093**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	98-100 (%)	99.52 %
Carbon by Elemental Analysis	49.7-51.7 (%)	49.80 %
Nitrogen by Elemental Analysis	7.2-7.5 (%)	7.35 %
Purity(HPLC)	98-100 (%)	99.02600 %
Appearance (D103111)	White to yellow/tan cast Powder, Lyophilized Powder	White to yellow/tan cast Powder, Lyophilized Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager